

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	16	((feature\$1 or sequen\$5) near3 vectors) same (generative near3 model\$1)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:44	
2	BRS	L2	11	1 same (classif\$6 or identif\$6 or verif\$6)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:49	
3	BRS	L3	16	(object or face or image or audio or multimedia) same (generative near2 model\$1) same vector\$1	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:56	
4	BRS	L4	15	generative and (kullback near10 divergence)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:57	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
5	BRS	L5	15	4 and models	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:57	
6	BRS	L6	14	5 and vector\$1	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:58	
7	BRS	L7	14	6 and (generative near2 model\$1)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:59	
8	BRS	L8	11	7 and distance	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 15:58	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
9	BRS	L9	15	vectors near10 (generative near2 model\$1)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 16:00	
10	BRS	L10	5	9 same (face or object or video or image\$1)	US- PGPUB; USPAT; EPO; DERWEN T	2006/11/06 16:00	

[Sign in](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

sequence vectors generative models

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about **399,000** for **sequence vectors generative models** . (0.10 seconds)**[PDF] Speaker Verification Using Sequence Discriminant Support Vector ...**

File Format: PDF/Adobe Acrobat

generative models, . The generic formulation for mapping a **sequence** to the score-space is given by. (16). where. is called the **score-vector**, ...ieeexplore.ieee.org/iel5/89/30367/01395965.pdf?arnumber=1395965 - [Similar pages](#)**Welcome to IEEE Xplore 2.0: Speaker verification using sequence ...**Speaker verification using **sequence** discriminant support **vector** machines ... based on underlying **generative models** such as Gaussian mixture **models** (GMMs). ...ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1395965 - [Similar pages](#)[\[More results from ieeexplore.ieee.org \]](#)**[PS] Exploiting generative models in discriminative classifiers f g**File Format: Adobe PostScript - [View as Text](#)such as support **vector** machines from **generative** probability mod- ... Hidden Markov **models**. of biological primary **sequence** information. ...people.csail.mit.edu/tommi/papers/gendisc.ps - [Similar pages](#)**[PDF] A Generative Model Based Approach to Motion Segmentation**File Format: PDF/Adobe Acrobat - [View as HTML](#)derived from a **generative model** of image formation (cf. [16]). One makes certain. assumptions about how the image **sequence** is generated – for example one ...vision.ucla.edu/papers/generative.pdf - [Similar pages](#)**SVM speaker verification**These kernels exploit **generative models** (Gaussian mixture **models**) to achieve the non-linear mapping. By representing the entire **sequence** as a single **vector**, ...www.dcs.shef.ac.uk/~vinny/docs/svmsvm.html - 16k - [Cached](#) - [Similar pages](#)**[PPT] ?**File Format: Microsoft Powerpoint - [View as HTML](#)Map each new protein **sequence** X into a fixed **vector**, Fisher score. ... **Generative HMM models**. SAM-T98 method; Null **model**: reverse **sequence model** ...www.cbse.ucsc.edu/staff/haussler_pubs/kernel.ppt - [Similar pages](#)**[PDF] Facial Expression Analysis using Nonlinear Decomposable Generative ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)The **generative model** supports both **sequence**-based and frame-based recognition of ... and six expression class **vectors** in the **generative model** in Sec. 4.1. ...

www.cs.rutgers.edu/~elgammal/pub/LeeAMFG05FacialExpressionAnalysis.pdf -

[Similar pages](#)**[PDF] Conditional Random Fields: Probabilistic Models for Segmenting and ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)HMMs and stochastic grammars are **generative models**, as- ... training or test observation **sequence** x and the parameter. **vector** θwww.cis.upenn.edu/~pereira/papers/crf.pdf - [Similar pages](#)**[PDF] Towards Better Understanding of the Model Implied by the use of ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)

vectors computed from the local **sequence** of static vec- ... 1 and 4 do define a distribution, and a **generative model**, but it is not the obvious one. ...
www.novauris.com/publications/ICSLP04-TuC2101p.21_p1173.pdf - [Similar pages](#)

CSAIL Research Abstract

Here we present a **generative model** for the topic structure of natural language conversations, which explicitly **models** both the **sequence** of discourse ...
publications.csail.mit.edu/abstracts/abstracts05/kording/kording.html - 13k -
[Cached](#) - [Similar pages](#)

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

Free! Speed up the web. [Download the Google Web Accelerator.](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

sequence vectors generative models

Search

[Advanced Search](#)
[Preferences](#)

Web

Results 11 - 20 of about 399,000 for **sequence vectors generative models** . (0.11 seconds)[IDIAP : > Projects > KERNEL](#)

Keywords: learning algorithms, hidden Markov **models**, kernel methods, support vector machines, **sequence** processing, speech processing, speaker verification, ...
www.idiap.ch/~bengio/projects/kernel.html - 28k - [Cached](#) - [Similar pages](#)

[Hidden Markov Model](#)

In this mode, each **model** serves to compute the likelihood of a particular **sequence** of states having generated the **sequence** of feature **vectors**, ...
project.uet.itgo.com/markov_model.htm - 28k - [Cached](#) - [Similar pages](#)

[\[PDF\] Speaker verification using **sequence** discriminant support vector ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

of parameters in the **generative models**. Having mapped the **sequence** to the score-space, any discriminative classifier may be used to classify **vectors** and ...
www.cstr.ed.ac.uk/downloads/publications/2005/sap05-svm.pdf - [Similar pages](#)

[\[PS\] SVM SVM: SUPPORT VECTOR MACHINE SPEAKER VERIFICATION METHODOLOGY ...](#)File Format: Adobe PostScript - [View as Text](#)

same GMMs are used as the underlying **generative model** in section 3 to achieve a mapping from a variable length **sequence** of feature **vectors** to a single ...
www.cstr.ed.ac.uk/downloads/publications/2003/icassp03-svm.ps.gz - [Similar pages](#)
[\[More results from www.cstr.ed.ac.uk \]](#)

[\[PDF\] A Generative Model of Dense Optical Flow in Layers](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

approach taken by Wang & Adelson [10] computes motion **vectors** at each pixel ... 1 illustrates our **generative model**. For each image in the video **sequence**, ...
www.psi.toronto.edu/~anitha/Papers/flow_scvma.pdf - [Similar pages](#)

[Speech and Hearing Research Group \(SpandH\)](#)

The **sequence** kernels are derived from **generative models**. These kernels use a **generative model** to map a variable length **sequence** to a fixed length **vector**. ...
www.dcs.shef.ac.uk/spandh/projects/phd/vinny.html - 6k - [Cached](#) - [Similar pages](#)

[\[PDF\] A Linear Generative Model for Graph Structure](#)

File Format: PDF/Adobe Acrobat

and linear deformable **models** to construct a simple **generative model** for graph- ... Face **sequence**. The parameter **vector** γ can be sampled from a prior ...
www.springerlink.com/index/WX3T1R1NURKHQW8A.pdf - [Similar pages](#)

[\[PDF\] Intrusion Detection with Support Vector Machines and Generative Models](#)

File Format: PDF/Adobe Acrobat

We use 'attack-tree' type **generative models** for such intrusions to select features that are used by a Support Vector Machine Classifier. Our ...
www.springerlink.com/index/N1GUNAYFVEL0H22V.pdf - [Similar pages](#)

[\[PDF\] Prototype-Driven Learning for Sequence Models](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

$f(c)$, and $f(c)$ is the **vector** of features active over c . In our **sequence models**, the cliques

are over the edges/transitions (y ...

www.cs.berkeley.edu/~aria42/pubs/naacl06-posinduction.pdf - [Similar pages](#)

Speaker Verification Using Sequence Discriminant Support Vector ...

Speaker Verification Using **Sequence** Discriminant Support **Vector** Machines (2005)

(Make ... 116 Exploiting **generative models** in discriminative classifiers ...

citeseer.ist.psu.edu/729285.html - 22k - [Cached](#) - [Similar pages](#)

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

Free! Speed up the web. [Download the Google Web Accelerator.](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google



Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((vector*<in>ab) <and> (generative model*<in>ab))<and> ((classif* or ..."

☒ e-mail

Your search matched 14 of 1430374 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

((vector*<in>ab) <and> (generative model*<in>ab))<and> ((classif* or identif* or

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. **Speaker verification using sequence discriminant support vector machine**
Wan, V.; Renals, S.;
[Speech and Audio Processing, IEEE Transactions on](#)
Volume 13, Issue 2, March 2005 Page(s):203 - 210
Digital Object Identifier 10.1109/TSA.2004.841042
[AbstractPlus](#) | Full Text: [PDF](#)(336 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Online Thai handwritten character recognition using hidden Markov model vector machines**
Sanguansat, P.; Asdornwised, W.; Jitapunkul, S.;
[Communications and Information Technology, 2004. ISCIT 2004. IEEE International](#)
Volume 1, 26-29 Oct. 2004 Page(s):492 - 497 vol.1
Digital Object Identifier 10.1109/ISCIT.2004.1412894
[AbstractPlus](#) | Full Text: [PDF](#)(658 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 3. **Recognizing handwritten digits using hierarchical products of experts**
Mayraz, G.; Hinton, G.E.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 24, Issue 2, Feb. 2002 Page(s):189 - 197
Digital Object Identifier 10.1109/34.982899
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(748 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. **Hybrid IMM/SVM approach for wavelet-domain probabilistic model based classification**
Chen, L.; Man, H.;
[Vision, Image and Signal Processing, IEE Proceedings-](#)
Volume 152, Issue 6, 9 Dec. 2005 Page(s):724 - 730
Digital Object Identifier 10.1049/ip-vis:20045030
[AbstractPlus](#) | Full Text: [PDF](#)(420 KB) IEEE JNL
- ☐ 5. **Onboard detection of jarosite minerals with applications to Mars**
Bornstein, B.; Castano, R.; Gilmore, M.S.; Merrill, M.; Greenwood, J.P.;
[Aerospace Conference, 2006 IEEE](#)
4-11 March 2006 Page(s):7 pp.

Digital Object Identifier 10.1109/AERO.2006.1656010

[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ 6. **A Generative-Discriminative Hybrid Method for Multi-View Object Detection**
Dong-Qing Zhang; Shih-Fu Chang;
[Computer Vision and Pattern Recognition, 2006 IEEE Computer Society Conference on](#)
Volume 2, 2006 Page(s):2017 - 2024
Digital Object Identifier 10.1109/CVPR.2006.27
[AbstractPlus](#) | Full Text: [PDF\(448 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 7. **A generative model of human hair for hair sketching**
Chen, H.; Zhu, S.C.;
[Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Conference on](#)
Volume 2, 20-25 June 2005 Page(s):74 - 81 vol. 2
Digital Object Identifier 10.1109/CVPR.2005.31
[AbstractPlus](#) | Full Text: [PDF\(712 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 8. **Generative, discriminative, and ensemble learning on multi-modal perception toward news video story segmentation**
Hsu, W.H.-M.; Shih-Fu Chang;
[Multimedia and Expo, 2004. ICME '04. 2004 IEEE International Conference on](#)
Volume 2, 27-30 June 2004 Page(s):1091 - 1094 Vol.2
[AbstractPlus](#) | Full Text: [PDF\(647 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 9. **Classification of time-series data using a generative/discriminative hybrid**
Abou-Moustafa, K.T.; Cheriet, M.; Suen, C.Y.;
[Frontiers in Handwriting Recognition, 2004. IWFHR-9 2004. Ninth International Conference on](#)
26-29 Oct. 2004 Page(s):51 - 56
Digital Object Identifier 10.1109/IWFHR.2004.26
[AbstractPlus](#) | Full Text: [PDF\(136 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 10. **A generative-discriminative hybrid for sequential data classification [image example]**
Abou-Moustafa, K.T.; Suen, C.Y.; Cheriet, M.;
[Acoustics, Speech, and Signal Processing, 2004. Proceedings. \(ICASSP '04\). International Conference on](#)
Volume 5, 17-21 May 2004 Page(s):V - 805-8 vol.5
Digital Object Identifier 10.1109/ICASSP.2004.1327233
[AbstractPlus](#) | Full Text: [PDF\(265 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 11. **Text-independent speaker recognition using probabilistic SVM with GMM**
Fenglei Hou; Bingxi Wang;
[Natural Language Processing and Knowledge Engineering, 2003. Proceedings. International Conference on](#)
26-29 Oct. 2003 Page(s):305 - 308
Digital Object Identifier 10.1109/NLPKE.2003.1275919
[AbstractPlus](#) | Full Text: [PDF\(309 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 12. **Probabilistic bilinear models for appearance-based vision**
Grimes, D.B.; Shon, A.P.; Rao, R.P.N.;
[Computer Vision, 2003. Proceedings. Ninth IEEE International Conference on](#)

13-16 Oct. 2003 Page(s):1478 - 1485 vol.2

[AbstractPlus](#) | Full Text: [PDF](#)(1486 KB) [IEEE CNF](#)
[Rights and Permissions](#)



13. Learning the decision function for speaker verification

Bengio, S.; Mariethoz, J.;

[Acoustics, Speech, and Signal Processing, 2001. Proceedings. \(ICASSP '01\). International Conference on](#)

Volume 1, 7-11 May 2001 Page(s):425 - 428 vol.1

Digital Object Identifier 10.1109/ICASSP.2001.940858

[AbstractPlus](#) | Full Text: [PDF](#)(336 KB) [IEEE CNF](#)
[Rights and Permissions](#)



14. Using the Fisher kernel method for Web audio classification

Moreno, P.J.; Rifkin, R.;

[Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2 International Conference on](#)

Volume 6, 5-9 June 2000 Page(s):2417 - 2420 vol.4

Digital Object Identifier 10.1109/ICASSP.2000.859329

[AbstractPlus](#) | Full Text: [PDF](#)(336 KB) [IEEE CNF](#)
[Rights and Permissions](#)

Indexed by
 Inspec®

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2005 IEEE -